

## **Route 238 Corridor Improvement Project Mitigation Monitoring and Reporting Plan**

*Prepared for:*

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**Exhibit B**

directions and controls, a downtown one-way loop street system, improvements to the Jackson Street/Watkins Street intersection, improvements to the Foothill Boulevard/Mission Boulevard/Jackson Street intersection, improvements to the Mission Boulevard/Carlos Bee Boulevard intersection, improvements to the Foothill Boulevard/D Street intersection, improvements to the Jackson Street/Grand Street intersection, and other roadway improvements along Foothill Boulevard and Mission Boulevard.

## Mitigation Monitoring Program

This MMRP has been prepared for the proposed project in accordance with Public Resources Code 21081.6, which specifies that when a public agency makes findings required by paragraph (1) of subdivision (a) of Section 21081, it "...shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment." Public Resources Code 21081.6 further specifies that the MMRP will "...ensure compliance during project implementation." This MMRP is intended to ensure the effective implementation of mitigation measures that are within the City of Hayward's authority to implement, including monitoring where identified, throughout all phases of construction, development, and operation of the proposed project.

## Procedures for Monitoring and Reporting

Monitoring and reporting procedures prior to and during project construction and operation will conform to the following steps.

### Step 1. Monitoring

This step will be executed by a monitor designated by the City of Hayward's project manager (PM). The monitor will investigate noncompliance allegations and identify how the City of Hayward's staff or its contractors should correct implementation of the mitigation measure to ensure compliance. If a mitigation measure identified in the MMRP is under the control of another agency, the monitor will inform the agency of the determination and request remedial action.

The monitor will have the following responsibilities:

- Prepare an implementation plan prior to execution of contracts and prior to advertisement of construction bid documents to detail the monitoring actions and compliance requirements listed in this MMRP.
- Be knowledgeable in the mitigation that is to be monitored, and exceed the expertise of the lead agency pertaining to specific resources (i.e., biological or cultural resources).

- Verify implementation of mitigation by:
  - verifying, prior to advertisement of construction contract bids, that bid documents, contracts, plan, and specifications include requirements to implement identified mitigation measures;
  - verifying in the field that required implementation has been properly executed during and after construction; and
  - contacting the City of Hayward's PM and requesting that the situation be remedied if mitigation is not being implemented or executed properly.
- Prepare mitigation status reports and submit to the PM, as identified in Step 3 of this MMRP.

## Step 2. Action

This step will be executed by the PM. The City of Hayward's PM will document monthly all actions taken as part of this MMRP and report periodically to the City of Hayward's City Council. City of Hayward staff or contractors will immediately commence the correction of measures being inadequately implemented.

The PM will have the following responsibilities.

- Review the mitigation status reports and any other information presented by the monitor as monitoring occurs, as detailed below in Step 3.
- Oversee amendments to the MMRP, if changes in monitoring activities are deemed necessary, to implement the mitigation measures.
- Ensure that the mitigation measures in the MMRP are undertaken, by staff, contractors, or consultants.
- Ensure that penalties to contractors for noncompliance are incorporated into contracts.
- Verify and document monthly that mitigation actions are properly undertaken. This may include designating a City of Hayward employee or consultant to enforce effective and timely compliance with regard to specific mitigation measures outlined in this MMRP or in required permits.
- Ensure that procedures and assignments to implement the MMRP are in place if the City of Hayward staff structure is reorganized prior to completion of the MMRP actions.

## Step 3. Reporting

This step will be executed by the monitor.

The monitor will have the following responsibilities.

- Compile all mitigation status forms into a report of compliance on a quarterly basis. Convey the status and any recommendations to the PM. Recommendations may include updating the frequency of monitoring, changing the type of monitoring, and suggesting better ways to implement mitigation.
- Assist the PM in reviewing the contractor's implementation of mitigation requirements, detailing corrective action and time of completion to resolve issues raised by the monitor and/or PM. If the monitor deems mitigation is unsatisfactorily addressed, the monitor will document this in report format. The PM will submit the reports to the City of Hayward's City Council.
- Submit all completed reports and statements to the PM for submittal to the City of Hayward's City Council.

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<b>AIR QUALITY</b>					
<b>Mitigation Measure AQ-MM-1: Implement Required BAAQMD Control Measures for Construction Emissions of Fugitive Dust.</b> To control the generation of construction-related fugitive dust emissions, the City of Hayward shall require the construction contractor to implement all applicable and feasible control measures required by the BAAQMD, as summarized in Table 3.2-6 in the Draft EIR.	During construction	Department of Public Works	Department of Public Works	Department of Public Works	City of Hayward
<b>BIOLOGY</b>					
<b>Mitigation Measure BIO-MM-1: Preconstruction Survey for Migratory Bird Nests.</b> Any vegetation clearing, including tree removal, shrub or grass clearing, or limb trimming will be done outside of the typical migratory bird breeding season (April 15–July 31) when feasible. If vegetation clearing must occur during the migratory bird nesting season, the City of Hayward will contract with an agency approved biological monitor to conduct a preconstruction survey for migratory bird nests in all vegetation that is scheduled to be cleared. This survey will be done within 48 hours of commencement of vegetation clearing activity. If an active migratory bird nest is located, a 50-foot “no activity” buffer will be established around the nest for as long as it is active.	Spring/summer prior to any vegetation clearing	City of Hayward	Department of Public Works in consultation with DFG	City of Hayward and a qualified wildlife biologist	City of Hayward
<b>CULTURAL RESOURCES</b>					
<b>Mitigation Measure CR-MM-1: Prepare Cultural Resources Monitoring Plan for the Proposed Project and Monitor Areas Sensitive</b>	Prior to	City of Hayward	City of Hayward		City of Hayward

**Table 1.** Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<b>for the Presence of Buried Cultural Resources.</b> Based on the research conducted for this document, specific areas have been determined sensitive for the presence of prehistoric deposits. In addition, there is always the potential for unearthing previously undetectable archaeological resources while conducting ground-disturbing activities. Before project construction, a cultural resources treatment plan (CRTP) will be prepared. The CRTP shall outline the monitoring methods and protocols for treating cultural resources that may be discovered during implementation of the proposed project. The methods described in the CRTP shall include monitoring by qualified archaeologists and Native Americans, stop work conditions, notification procedures if cultural resources are discovered during project implementation, and documentation standards. The CRTP shall be prepared to comply with the cultural resources requirements of CEQA, as well as the laws governing discoveries and treatment of human remains. Figure 3.4-1 identifies portions of the proposed project that are considered sensitive for the presence of buried cultural resources. Ground disturbing activities shall be monitored by a qualified archaeologist and a Native American, in accordance with the procedures outlined in the CRTP.	construction	Department of Public Works and a qualified archaeologist	Department of Public Works and a qualified archaeologist		
<b>Mitigation Measure CR-MM-2: Stop Work If Cultural Resources Are Discovered during Ground-Disturbing Activities.</b> In those portions of the project area that will not be monitored by an archaeologist and a Native American monitor, if buried cultural resources, such as chipped stone, ground stone, historic debris, building foundations, or non-human bone are inadvertently discovered during ground-disturbing activities, work will stop in that area and within 100 feet of the find until a qualified archaeologist can assess the significance of the find and, if necessary, develop appropriate treatment measures in consultation with the City of Hayward, the State Historic Preservation Office, and other appropriate agencies. Treatment measures may include detailed documentation, excavation, and interpretation.	During construction	City of Hayward Department of Public Works and a qualified archaeologist	City of Hayward Department of Public Works and a qualified archaeologist		
<b>Mitigation Measure CR-MM-3: Comply with State Laws Pertaining to</b>	During	City of	City of		

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<b>the Discovery of Human Remains.</b> If human remains of Native American origin are discovered during ground-disturbing activities, it is necessary to comply with state laws relating to the disposition of Native American burials, which falls within the jurisdiction of the NAHC (PRC Section 5097). If human remains are discovered or recognized in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until: <ul style="list-style-type: none"><li>○ the coroner of the county has been informed and has determined that no investigation of the cause of death is required; and if the remains are of Native American origin:</li><li>○ The most likely descendent (MLD) of the deceased Native American(s) have made a recommendation to the landowner or the person responsible for the excavation work, the means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code 5097.98, or in the event that: or</li><li>○ the Native American Heritage Commission was unable to identify a descendent or the descendent failed to make a recommendation within 24 hours after being notified by the commission, and the NAHC has either provided a recommendation or failed to make a recommendation within 48 hours after being notified.</li></ul>	construction	Hayward	Hayward Department of Public Works; County Coroner; and a qualified archaeologist	Hayward Department of Public Works County Coroner; and a qualified archaeologist	
<b>HAZARDOUS MATERIALS</b>					
<b>Mitigation Measure HAZ-MM-1: Conduct an Asbestos Survey.</b> Prior to demolition of any site building or structure, an asbestos survey will be conducted (with the appropriate sampling and analysis) in accordance with applicable regulations as controlled by Cal-OSHA, DOT, DTSC, EPA, HFD, the Hazardous Waste Control Act, and the City. As necessary, ACM		Prior to demolition of any site building or structure	City of Hayward Department of Public Works and its	City of Hayward Department of Public Works	

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
abatement will be conducted by an appropriately licensed asbestos abatement contractor in accordance with applicable regulations, as controlled by the agencies listed above.	contractors	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	
<b>Mitigation Measure HAZ-MM-2: Conduct a Lead-Based Paint Survey.</b> Prior to demolition of any site building or structure, a lead-based paint survey will be conducted (with the appropriate sampling and analysis) in accordance with applicable regulations. Abatement of all painted materials identified as lead-based paint, or painted surfaces that are not sampled, should be conducted by an appropriately licensed contractor in accordance with applicable regulations.	Prior to demolition of any site building or structure	Prior to commencement of grading and construction activities	Prior to commencement of grading and construction activities	City of Hayward Department of Public Works and its contractors	
<b>Mitigation Measure HAZ-MM-3: Conduct a Soil Contamination Investigation.</b> Prior to the commencement of grading and construction activities, a limited soil investigation will be performed by a qualified professional to determine whether aerially deposited lead is present in shallow soils that could be disturbed during construction activities. If contaminated soils are discovered, soil generated by construction activities will be stockpiled on the site in a secure and safe manner and proper safety standards will be implemented for the protection of construction personnel. Contaminated soils will be sampled prior to reuse or disposal at an appropriate facility. If no contaminated soils are discovered, stockpiling and sampling will not be required prior to reuse or disposal.	Additional information regarding the potential impact of construction activities on water quality is provided in the following section.	Additional information regarding the potential impact of construction activities on water quality is provided in the following section.	Additional information regarding the potential impact of construction activities on water quality is provided in the following section.	Additional information regarding the potential impact of construction activities on water quality is provided in the following section.	
Release of construction-related hazardous materials to the surface and ground water bodies described above would result in a significant impact on water quality. However, implementation of Mitigation Measures HYD-MM-1 and HYD-MM-2 (refer to Section 3-7, Hydrology and Water Quality), which requires implementation of a project SWPPP and Hazardous Spill Prevention and Control Plan, as required by the NPDES					

**Table 1.** Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
General Construction Permit under Section 402 of the CWA and enforced by the RWQCB, would reduce the hazardous materials impacts on water quality to a less-than-significant level.  Based on a review of aerial photographs, most of the site parcels south of the downtown area along Mission Boulevard appear to have been used for agriculture since at least 1947. Some or all of the site parcels may have been subject to the application of pesticides and herbicides that potentially contained arsenic and other toxic materials. However, these parcels have since been converted to commercial and light industrial uses. As such, soils that may have been impacted by pesticides and herbicides have been paved over and/or removed to accommodate sidewalks and driveways along this portion of the project corridor. The likelihood of exposure to these contaminants by construction workers during construction activities is therefore considered negligible.					
<b>Mitigation Measure HAZ-MM-4: Immediately Contain Spills, Excavate Spill-Contaminated Soil, and Dispose at Approved Facility.</b> In the event of a spill of hazardous materials in an amount reportable to the Hayward Fire Department (as established by fire department guidelines), the contractor will immediately control the source of the leak and contain the spill. If required by the Fire Department or other regulatory agencies, contaminated soils will be excavated and disposed of off site at a facility approved to accept such soils.		Prior to commencement of grading and construction activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	
<b>Mitigation Measure HAZ-MM-5: Develop and Implement Plans to Reduce Exposure of People and the Environment to Hazardous Conditions during Construction Activities.</b> Prior to the commencement of grading and construction activities, the construction contractor will develop plans to prevent the pollution of surface water and groundwater and to promote the health and safety of workers and other people in the project vicinity. These programs will include a Construction, Operations, and Maintenance (COM) Plan, a site-specific safety plan, and a fire prevention plan, in addition to the Storm Water Pollution Prevention Plan (SWPPP) required for hydrology impacts. The programs are required by law and will require approval by several responsible agencies as follows: the SWPPP will be approved by the San Francisco RWQCB; the site-specific safety plan and the COM Plan will be approved by Cal-OSHA; and the fire safety plan will be approved by the Hayward Fire Department.  The City will also require the construction contractor to develop and		Prior to commencement of grading and construction activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	

**Table 1.** Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
implement a hazardous materials management plan that addresses public health and safety issues by providing safety measures, including release prevention measures; employee training, notification, and evacuation procedures; and adequate emergency response protocols and clean-up procedures.					
Finally, the City will require the construction contractor to comply with Cal-OSHA, as well as federal standards, for the storage and handling of fuels, flammable materials, and common construction-related hazardous materials and for fire prevention. Cal-OSHA requirements are specified in the California Labor Code, Division 5, Chapter 2.5. Federal standards are specified in Cal-OSHA Regulations, Standards-29 CFR.					
<b>Mitigation Measure HAZ-MM-6: Notify Emergency Response Providers of Project Construction.</b> Prior to the commencement of construction activities and as necessary throughout the construction timeline, the City will notify the Hayward Fire Department (HFD) and the Office of Emergency Services of the project construction schedule and any anticipated impediments to traffic flow along the project corridor that could interfere with the usefulness of roadways for emergency vehicles or as an evacuation route.	Prior to and during construction activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	
<b>HYDROLOGY AND WATER QUALITY</b>					
<b>Mitigation Measure HYD-MM-1: Implement Best Management Practices to Control Discharge of Construction-Related Pollutants to Surface Waters.</b> Because project construction will cover an area greater than 1 acre, the City of Hayward or its contractors will prepare a Storm Water Pollution Prevention Plan (SWPPP), as required by the SWRCB under the NPDES General Construction Permit. The SWPPP shall meet the requirements of the SWRCB, as well as any requirements of the City and Alameda County.	Prior to and during construction activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	
The SWPPP will identify best management practices (BMPs) to maintain water quality. BMPs may consist of a wide variety of measures taken to reduce pollutants in stormwater and other non-point source runoff. Measures range from source control, such as reduced surface disturbance, to treatment of polluted runoff, such as detention or retention basins. BMPs to be implemented as part General Construction Permit may include, but are not limited to, the following measures.					
o Temporary erosion control measures (such as silt fences, staked straw					

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<ul style="list-style-type: none"><li>○ bales/wattles, silt/sediment basins and traps, check dams, geofabric, sandbag dikes, and temporary revegetation or other ground cover) will be employed to control erosion from disturbed areas.</li><li>○ Drainage facilities in downstream offsite areas will be protected from sediment using BMPs acceptable to the RWQCB.</li><li>○ Grass or other vegetative cover will be established on the construction site as soon as possible after disturbance.</li></ul>					
<p>Final selection of BMPs will be subject to approval by the RWQCB. The City will verify that an NOI has been filed with the State Water Resources Control Board and a SWPPP has been developed and initiated before allowing construction to begin. The City or its contractors shall perform inspections of the construction area, to verify that the BMPs specified in the SWPPP are properly implemented and maintained. Additionally, the City or its contractors shall implement a monitoring program to verify BMP effectiveness. The monitoring program shall begin at the outset of construction and terminate upon completion of the project.</p> <p><b>Mitigation Measure HYD-MM-2: Implement a Hazardous Spill Prevention and Control Program.</b> As part of requiring compliance with the NPDES General Construction Permit, the City or its contractors shall develop and implement a spill prevention and control program to minimize the potential for, and effects from, spills of hazardous, toxic, or petroleum substances during construction activities. The plan shall be completed before any construction activities begin, and shall include provisions for preventing, containing, and reporting spills of hazardous materials. The City or its contractors shall be responsible for training workers regarding the sensitivity of creeks in the project area. Fueling and equipment maintenance will be prohibited in these areas.</p> <p>The City shall review and approve the spill prevention and control program before onset of construction activities. The City will routinely inspect the construction area to verify that the measures specified in the spill prevention and control program are properly implemented and maintained. The City will notify contractors immediately if there is a noncompliance issue and will require compliance.</p> <p>The federal reportable spill quantity for petroleum products, as defined in 40 CFR 110, is any oil spill that does the following.</p>	Prior to commencing construction activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works		

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<ul style="list-style-type: none"> <li>○ Violates applicable water quality standards.</li> <li>○ Causes a film or sheen on, or discoloration of, the water surface or adjoining shoreline.</li> <li>○ Causes a sludge or emulsion to be deposited beneath the surface of the water or adjoining shorelines.</li> </ul> <p>If a spill is reportable, the project site's superintendent will notify the City, and the City will take action to contact the appropriate safety and clean-up crews to ensure the spill prevention and control program is followed. A written description of reportable releases must be submitted to the RWQCB and the Department of Toxics and Substance Control (DTSC). This submittal must contain a description of the release, including the type of material and an estimate of the amount spilled, the date of the release, an explanation of why the spill occurred, and a description of the steps taken to prevent and control future releases. The releases would be documented on a spill report form.</p> <p>If an appreciable spill has occurred and results determine that project activities have adversely affected surface water or groundwater quality, a detailed analysis will be performed to the specifications of DTSC to identify the likely cause of contamination. This analysis will include recommendations for reducing or eliminating the source or mechanisms of contamination. Based on this analysis, the City will select and implement measures to control contamination, with a performance standard that surface and/or groundwater quality must be returned to baseline conditions. These measures will be subject to approval by the City.</p>		Prior to and during any dewatering activities	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	

**Mitigation Measure HYD-MM-3: Implement Measures to Protect Water Quality during Construction Dewatering:** If discharge to surface waters is unavoidable, prior to engaging in construction-related dewatering activities, the City or its contractors shall obtain an NPDES General Construction Permit and Waste Discharge Requirements (WDRs) from the RWQCB. Depending on the volume and characteristics of the discharge, coverage under the General Construction Permit is possible. If the RWQCB determines that dewatering discharges are of a nature such that coverage under the general construction permit is insufficient, an individual dewatering permit would be implemented. Both permits would contain numerical and narrative limits that are sufficiently protective of water quality such that impacts on surface water or groundwater as a result of

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
dewatering effluent would be below significance thresholds.					
During dewatering activities, all permit conditions would be followed. This would include the design and implementation of measures to meet permit conditions, such as retention of dewatering effluent until particulate matter has adequately settled before it is discharged, use of infiltration areas, and other best management practices. Final selection of water quality control measures would be subject to approval by RWQCB.					
The City will file an NOI, as part of the NPDES process, before allowing dewatering to begin. The City or its contractor will routinely inspect the dewatering site to verify that measures specified in the permit are properly implemented, and perform visual inspections of effluent to verify quality before the effluent is discharged. Inspections will include verification that the effluent is not discolored and does not exhibit sheens or films. If, during the dewatering permitting process, it is determined that there is reasonable potential for contaminants other than sediment to be found in dewatered effluent, the City and/or its contractor will collect samples and conduct laboratory analyses for these constituents as part of the monitoring regime. For ongoing dewatering activities, monitoring will be performed at least biweekly. The City will immediately notify the contractor if there is a noncompliance issue and require compliance.					
<b>Mitigation Measure HYD-MM-4: Implement Measures to Manage Water Quality Impacts on Local Creeks.</b> As part of requiring compliance with the ACCWP NPDES municipal stormwater permit, the City will incorporate stormwater source control measures, site design principals, and treatment control measures into the design of the project. As such, the ACCWP's Stormwater Quality Management Plan (Alameda Countywide Clean Water Program 2003) includes guidance for implementation of BMPs to maximize stormwater quality and meet conditions of the joint permit. The BMPs will include a combination of source control, structural improvements, and treatment systems.					
BMPs may include but not be limited to the following:					
○ Grass strips: Most of the existing median is paved. Where the median is reconstructed as part of the project, and where it is wide enough, the project will include replacement of the paved median with a vegetated median. Median landscaping will be designed to minimize irrigation and runoff, promote surface infiltration where appropriate, and					

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
minimize the use of fertilizers and pesticides that can contribute to stormwater pollution. Based on Integrated Pest Management (IPM) principles and techniques, plants will be selected appropriate to site soils, slopes, climate, weather conditions, land use, air movement, ecological consistency, and plant interaction. A vegetated median serves to reduce runoff and provides initial stormwater treatment through biofiltration.					
<ul style="list-style-type: none"><li>○ Use of pervious/porous pavement shall be considered in low-traffic areas (such as parking lots and maintenance pull-outs) to reduce runoff when economically feasible. The pavement is a unique cement-based concrete product that has a porous structure that allows rainwater to pass directly through the pavement and into the soil.</li><li>○ On-site drain inlets that could be accessed from sidewalks and driveways will be marked with a “No Dumping Flows to Bay,” or equivalent signage, using methods approved by the City of Hayward.</li></ul> <p>The City or its contractors shall select a combination of BMPs that are expected to minimize runoff flows and remove contaminants from storm water discharges. The final selection and design of BMPs shall provide maximum contaminant removal, represent the best available technology that is economically achievable, and shall explicitly identify the expected level of effectiveness at contaminant removal.</p> <p>The City and/or its contractors shall conduct inspections following construction to ensure that all identified BMPs have been properly installed. The project shall adopt a regular maintenance and monitoring schedule to ensure that these BMPs function properly during project operations. If necessary, the City shall require that additional BMPs be designed and implemented if those originally constructed do not achieve the identified performance standard.</p>					
<b>NOISE</b>					
<b>Mitigation Measure N-MM-1: Employ Measures to Limit Groundborne Vibration from Highly Dynamic Construction Equipment.</b> During project construction the City shall employ measures to limit groundborne vibration from highly dynamic construction equipment such as pavement breakers to a peak particle velocity level of no more than 0.2 inches/second at the nearest structures.					

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<b>Mitigation Measure N-MM-2: Employ Noise-Reducing Construction Practices.</b> The construction contractor shall employ noise-reducing construction practices such that the City's construction noise standard is not exceeded. Measures that shall be used to limit noise include, but are not limited to the following. <ul style="list-style-type: none"><li>○ Locating equipment as far a practical from noise sensitive uses.</li><li>○ Using equipment that is quieter than standard equipment.</li><li>○ Selecting haul routes that affect the fewest number of people.</li><li>○ Using noise-reducing enclosures around noise-generating equipment.</li><li>○ Constructing barriers between noise sources and noise sensitive land uses or taking advantage of existing barrier features (terrain, structures) to block sound transmission.</li></ul>	During construction	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works	City of Hayward Department of Public Works	
In the event that the construction contractor is unable to mitigate construction-related noise to levels in compliance with the noise ordinance, the construction contractor shall cease construction activities and employ additional mitigation measures sufficient to meet the noise levels above, or offer to temporarily relocate residents during noisiest periods (i.e., providing hotel vouchers).	Prior to construction	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works	City of Hayward Department of Public Works	
<b>Mitigation Measure N-MM-3: Prepare a Noise Control Plan.</b> The construction contractor shall prepare a detailed noise control plan based on the construction methods proposed. This plan will identify specific measures that will be taken to ensure compliance with the City noise ordinance. The noise control plan shall be reviewed and approved by City staff before any noise-generating construction activity begins.	Prior to construction	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works	City of Hayward Department of Public Works	
<b>Mitigation Measure N-MM-4: Disseminate Essential Information to Residents and Implement a Complaint/Response-Tracking Program.</b> The construction contractor shall notify residences within 500 feet of the construction areas of the construction schedule in writing, prior to construction. The construction contractor will designate a noise disturbance coordinator who will be responsible for responding to complaints regarding construction noise. The coordinator will determine the cause of the complaint and will ensure that reasonable measures are implemented to correct the problem. A contact telephone number for the noise disturbance coordinator will be conspicuously posted on construction site fences and	Prior to construction	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works	City of Hayward Department of Public Works	

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
<p>will be included in the written notification of the construction schedule sent to nearby residents.</p>					
<b>PUBLIC SERVICES AND UTILITIES</b>					
<p><b>Mitigation Measure PSU-MM-1: Coordinate with the appropriate utility service providers and related agencies to reduce service interruptions.</b> The City will coordinate with the appropriate utility service providers and related agencies to reduce service interruptions. This coordination will include the following:</p> <ul style="list-style-type: none"><li>○ The City will require its contractors to contact the Underground Service Alert (800)642-2444 at least 48 hours before excavation work begins to verify the nature and location of existing underground utilities. The contractor will also be required to notify all public and private utility owners at least 48 hours prior to the commencement of work adjacent to any existing utility, unless the excavation permit specifies otherwise.</li><li>○ The City will ensure that its contractor alerts the Fire and Police Dispatch Communication Center prior to anticipated disruption in water flows. A ten-day written notice of water service interruption shall be sent to the Director of Public Works in order to comply with Municipal Code 11.2-26.</li><li>○ The construction contractor shall not remove any public service facilities or property or relocate them without proper coordination with the authorities charged with their control and maintenance.</li></ul>					
<b>TRAFFIC</b>					
<b>Mitigation Measure TR-1: Implement Traffic Management Plan</b>		During project design and construction	City of Hayward Department of Public Works and its contractors	City of Hayward Department of Public Works and its contractors	
<p>The City and its construction contractor will mitigate the proposed project's construction-related traffic impacts by developing and implementing a Traffic Management Plan (TMP). This plan will describe how traffic will be handled during the separate stages of construction and include greater detail describing specific dates, times, and responsible parties for implementing and monitoring each aspect of the TMP. The TMP will be implemented throughout the course of project construction and will include the following elements:</p>					

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
○ Detours. All movements and potential detours shall be adequately planned and described in addition to the following:					
○ During Stage 2D, eastbound Jackson Street to southbound Mission Boulevard traffic will be detoured along Jackson Street to Watkins Street to Fletcher Lane to Mission Boulevard.					
○ Contain a plan for communicating construction plans with transit providers, emergency service providers, residents, businesses located in the project vicinity, and any other individual or party who may be affected by project construction. This plan should include various communication means and periodic updates on the City's and other websites.					
○ Contain an access and circulation plan for use by emergency vehicles when lane closures or detours are in effect. If lane closures occur, provide advance notice to City fire and police departments to ensure that alternative evacuation and emergency routes are designed to maintain response times.					
○ Maintain access to businesses that have frontage along Foothill Boulevard, Mission Boulevard, and Jackson Street. This will include the construction of temporary improvements to provide access to business entrances and driveways during the construction period, as well as a public information program to ensure that businesses are properly notified of any temporary or permanent access changes.					
○ Maintain access to existing residences in the area.					
○ Maintain pedestrian and bicycle access and circulation during project construction where safe to do so. If construction encroaches on a pedestrian path, a safe detour will be provided for pedestrians. If construction encroaches on a bike facility, requiring bicycles and vehicles to share the roadway where they normally do not, warning signs will be posted.					
○ Temporary lane closures would be necessary at times during construction (Stages 1 and 3). These closures shall be limited to off-peak hours and restricted to the immediate areas of construction.					
○ For Stages 2 through 4, temporarily re-time traffic signals on Grand Street between Jackson Street and D Street, and on D Street between					

**Table 1. Mitigation Monitoring Plan for the Route 238 Corridor Improvement Project (Continued)**

Mitigation Measure	Timing	Implementing Party	Monitoring Party	Signature	Date
Grand Street and Foothill Boulevard to accommodate the increased left turning and through traffic.					
<ul style="list-style-type: none"> <li>○ For Stages 2 though 3, temporarily re-time traffic signals on Watkins Street at Jackson Street, and on Mission Boulevard at Fletcher Lane to accommodate the increased left turning and through traffic.</li> <li>○ For Stage 4 (in addition to those listed above), temporarily re-time traffic signals on Soto Road at Orchard Avenue and at Jackson Street, and on Mission Boulevard at Orchard Avenue to accommodate the increased left turning and through traffic.</li> </ul>					
<b>Mitigation Measure TR-MM-2: Post Guide Signs for Bus Passengers Directing them to the Rerouted Bus Service and Relocated Bus Stop.</b> In order to ease the transition to the rerouting of buses on the Downtown mini-loop, the City shall post guide signs for bus passengers at the existing bus stop on B Street and Mission Boulevard, directing them to the relocated bus stop for Route 82 at A Street and Mission Boulevard. The signs may be posted temporarily and made of cardboard or other non-permanent materials..	During project construction	City of Hayward Department of Public Works	City of Hayward Department of Public Works	City of Hayward Department of Public Works	
<b>Mitigation Measure TR-MM-3: Install an Additional Bike Route and Signs to Guide Future Eastbound Bicycle Movements from A Street.</b> Counter flow bike lanes or routes are not recommended on A Street due to difficulties and safety issues for eastbound bicyclists entering at Mission Boulevard and exiting at Foothill Boulevard. The westbound bike route can be maintained. To assure a continuous bike route the City shall implement the following actions to safely guide eastbound bicyclists normally headed on A Street between Foothill Boulevard and Mission Boulevard along an alternate route following Mission Boulevard, C Street, and Foothill Boulevard.	During project design and construction	City of Hayward Department of Public Works	City of Hayward Department of Public Works	City of Hayward Department of Public Works	
<ul style="list-style-type: none"> <li>○ Install Class III Bike Route on Mission Boulevard between A Street and D Street and on C Street between Mission Boulevard and Foothill Boulevard.</li> <li>○ Install Bike Route Guide Signs on A Street before Mission Boulevard, guiding through bicycles to the Mission Boulevard and C Street routes.</li> </ul>					